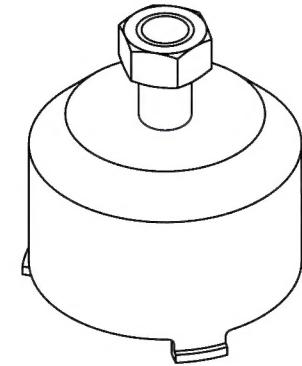
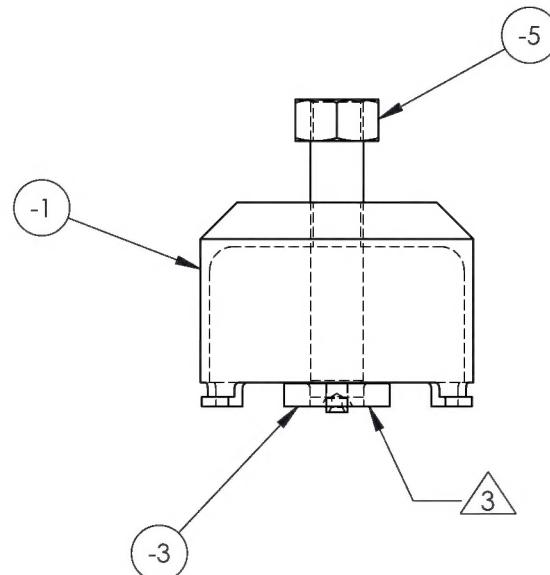


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REVISIONS					
REV	ECR	DESCRIPTION		DATE	INITIAL
2	16-0089	UPDATED TO NEW STANDARD. ADDED ANNOTATION FOR -5 WELDMENT TO BOM. <b>-1 -3 -5</b> CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE, CH'D SPEC WAS QQ-P-416F, TYPE II, CLASS II, IS ASTM B633 TYPE I SC 2. <b>-1 -3</b> CH'D MTL WAS 4140 Q&T IS 4140/4142. ADDED HEAT TREAT RC 28-34. <b>-1</b> ADDED DIM $\varnothing 2.980$ . <b>-5</b> CH'D TOLERANCES WAS $.XXX \pm .005$ IS $.XXX \pm .010$ , WAS $.XX \pm .01$ IS $.XX \pm .03$ . <b>-7</b> CH'D DIM WAS $\checkmark \varnothing .170$ (#3 C-DRILL $\varnothing .162$ ) IS $\varnothing .11 \vartriangle .16 \checkmark \varnothing .170 \times 60^\circ$ .		8/4/2016	DEW SM



NOTE:

1. REF. OLD RB T/N: RBEA93-3200-00.
2. NSN: 5120-14-400-1958.

⚠ **3** THREAD -5 WELDMENT INTO -1 BODY THEN PLACE -3 WASHER ONTO -5 AND PEEN OVER -5, ENSURING -3 ROTATES FREELY.



**EXTRACTOR SEAL SUPPORT**

DWG NO. **RBE332A93-3200-00**

REV **2**

ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
		-1	1	BODY	4140/4142		2	HEAT TREAT	.XXX $\pm .005$ FRACTIONS $\pm 1/8$
		-3	1	WASHER	4140/4142		3	FINISH	.XX $\pm .01$ ANGLES $\pm 5^\circ$
X		-5	1	WELDMENT			4	SPEC	X $\pm .1$ SURFACES = 125
1		-7		STUD	STEEL	M14 X 1.5 (MCMASTER-CARR #98861A550) MODIFIED	5	DRAWN BY:	GILBERT
1	B/O	-9		NUT	STEEL	M14 X 1.5 (MCMASTER-CARR #91415A255)	4	CHECKED:	DUERFELDT
ASSY -5							5	OPPS APPR:	ANDERSON
							4	QA APPR:	LINDSAY
								APPROVED:	MACKOVJAK
								SCALE	1:2
								DATE	5/25/2011
								SHEET 1 OF 5	

1. BREAK ALL SHARP EDGES  
.015 x 45° OR .015R

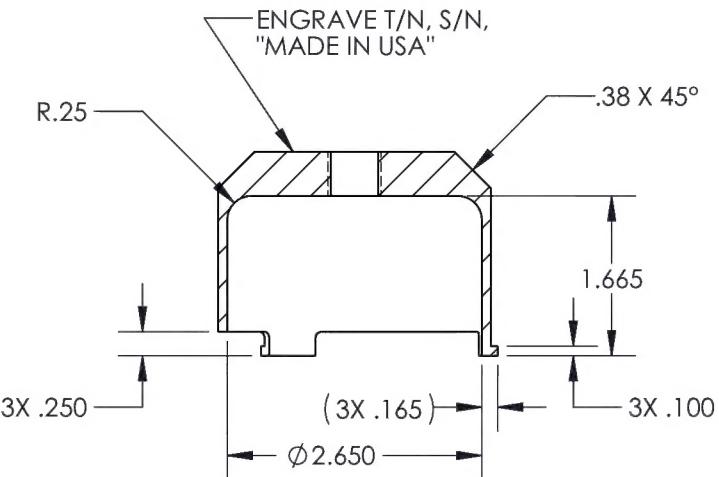
2. DIMENSIONAL LIMITS APPLY  
AFTER PLATING

3. INTERPRET DIM AND TOL PER  
ASME Y14.5M-2009

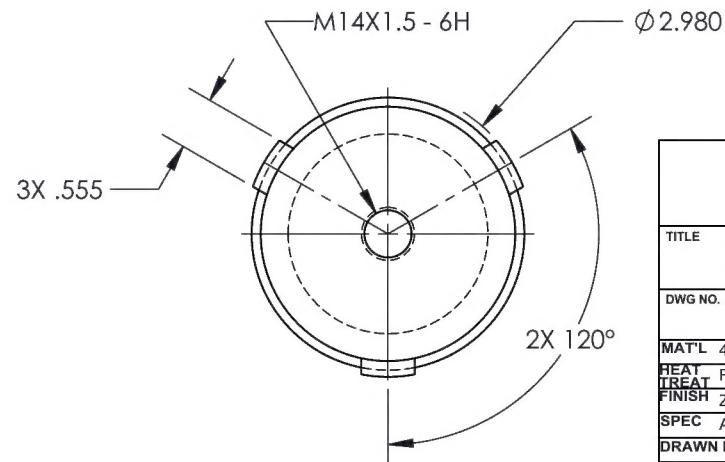
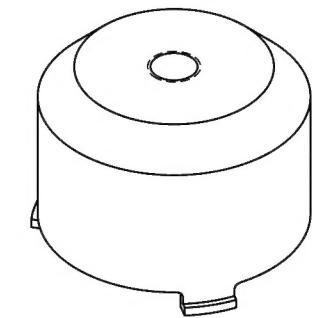
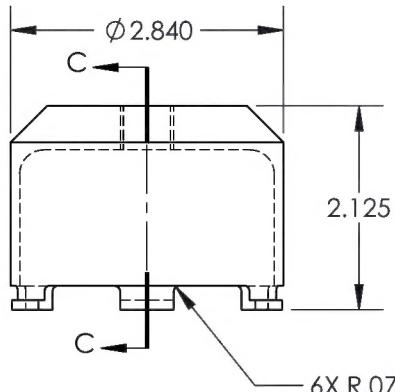
USED ON MODEL  
EUROCOPTER

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0089	-1 UPDATED TO NEW STANDARD. ADDED DIM $\phi 2.980$ . CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE, CH'D SPEC WAS QQ-P-416F, TYPE II CLASS II IS ASTM B633 TYPE I SC 2, CH'D MATL WAS 4140 Q&T IS 4140/4142. ADDED HEAT TREAT RC 28-34.	8/4/2016	DEW	SM



SECTION C-C



(-1)

BODY

	
TITLE	
MAT'L	4140/4142
HEAT	RC 28-34
TREAT	.015 x 45° OR .015R
FINISH	ZINC PLATE
SPEC	ASTM B633 TYPE I SC 2
DRAWN BY:	GILBERT
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	MACKOVJAK
SCALE	1:2
DATE	
USED ON MODEL	
EUROCOPTER	
SHEET 2 OF 5	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES

.XXX ± .005 FRACTIONS ± 1/8

.XX ± .01 ANGLES ± 5°

.X ± .1 SURFACES = 125 ✓

1. BREAK ALL SHARP EDGES

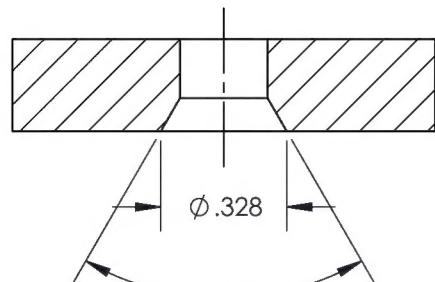
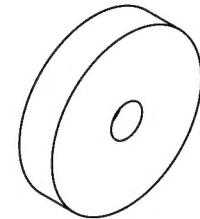
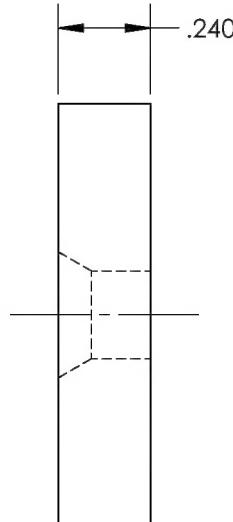
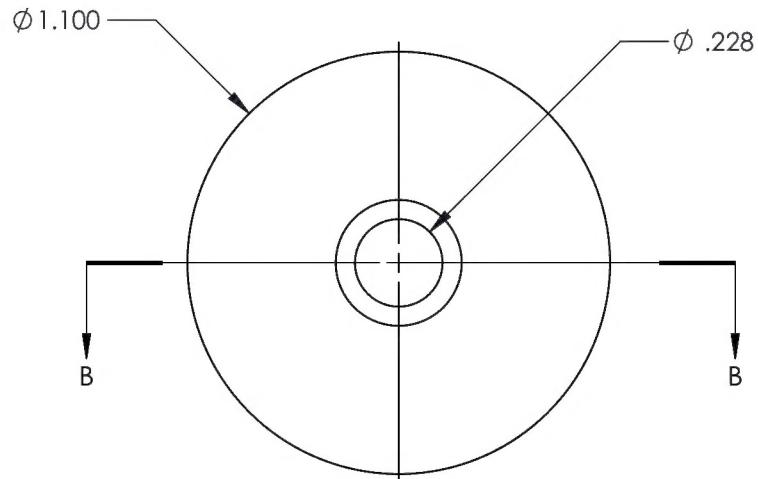
2. DIMENSIONAL LIMITS APPLY

3. INTERPRET DIM AND TOL PER

ASME Y14.5M-2009

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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
2	16-0089	-3	UPDATED TO NEW STANDARD. CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE, CH'D SPEC WAS QQ-P-416F, TYPE II, CLASS II, IS ASTM B633 TYPE I SC 2, CH'D MATL WAS 4140 Q&T IS 4140/4142. ADDED HEAT TREAT.		8/4/2016	DEW	SM



SECTION B-B

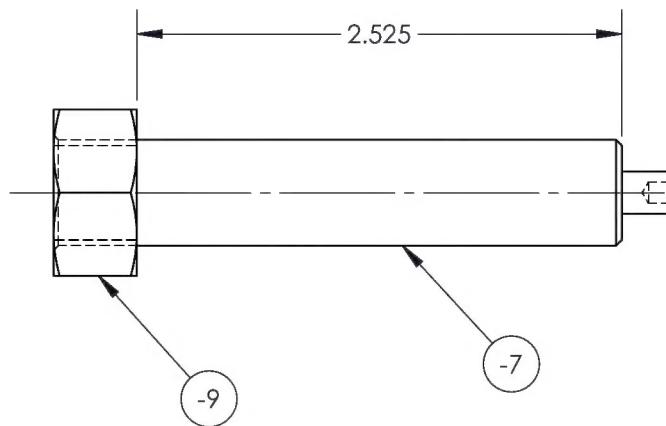
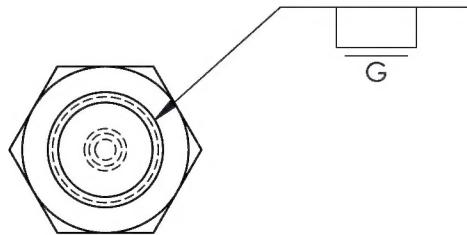
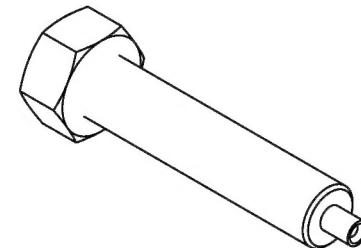
(-3)

WASHER

DART AEROSPACE	
TITLE	
DWG NO. RBE332A93-3200-00-3	
REV 2	
MATERIAL 4140/4142	
HEAT TREAT RC 28-34	
FINISH ZINC PLATE	
SPEC ASTM B633 TYPE I SC 2	
DRAWN BY: GILBERT	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: MACKOVJAK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL	
EUROCOPTER	
SCALE 2:1	DATE 5/24/2011
SHEET 3 OF 5	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0089	-5 UPDATED TO NEW STANDARD. CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE. CH'D SPEC WAS QQ-P-416F, TYPE II, CLASS II, IS ASTM B633 TYPE I SC 2. CH'D TOLERANCES WAS .XXX ± .005 IS .XXX ± .010, WAS .XX ± .01 IS .XX ± .03.	8/4/2016	DEW	SM



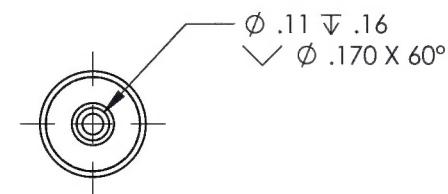
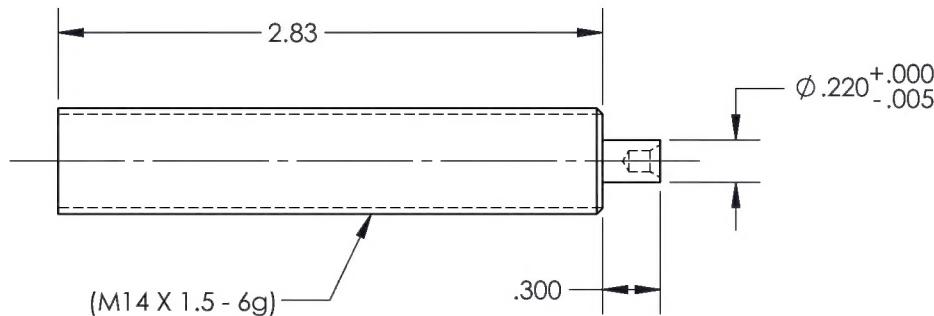
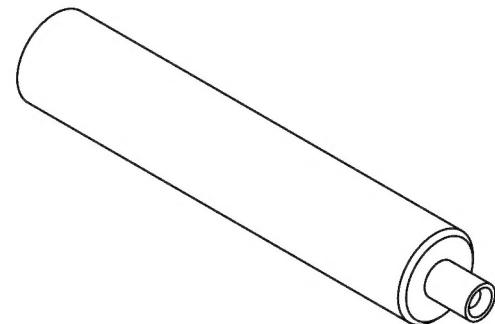
(-5)

WELDMENT

DART AEROSPACE	
TITLE	
EXTRACTOR SEAL SUPPORT	
DWG NO. RBE332A93-3200-00-5	
REV	2
MATERIAL	
HEAT	
TREAT	
FINISH ZINC PLATE	
SPEC ASTM B633 TYPE I SC 2	
DRAWN BY:	GILBERT
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	MACKOVJAK
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL	
EUROCOPTER	
SCALE	1:2
DATE	5/24/2011
SHEET 4 OF 5	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0089	-7 UPDATED TO NEW STANDARD. CH'D DIM WAS $\checkmark \phi .170$ (#3 C-DRILL $\nabla .162$ ) IS $\phi .11 \nabla .16 \checkmark \phi .170 \times 60^\circ$	8/4/2016	DEW	SM



<b>DART</b> AEROSPACE																																																	
TITLE																																																	
EXTRACTOR SEAL SUPPORT																																																	
DWG NO. RBE332A93-3200-00-7																																																	
REV 2																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">MAT'L STEEL</td> <td colspan="2" style="text-align: center;">UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td colspan="2" style="text-align: center;">HEAT</td> <td colspan="2" style="text-align: center;">.XXX <math>\pm .005</math> FRACTIONS <math>\pm 1/8</math></td> </tr> <tr> <td colspan="2" style="text-align: center;">TREAT</td> <td colspan="2" style="text-align: center;">.XX <math>\pm .01</math> ANGLES <math>\pm 5^\circ</math></td> </tr> <tr> <td colspan="2" style="text-align: center;">FINISH SEE -5 WELDMENT</td> <td colspan="2" style="text-align: center;">X <math>\pm .1</math> SURFACES = 125</td> </tr> <tr> <td colspan="2" style="text-align: center;">SPEC</td> <td colspan="2" style="text-align: center;"><math>\checkmark</math></td> </tr> <tr> <td colspan="2" style="text-align: center;">DRAWN BY: GILBERT</td> <td colspan="2" style="text-align: center;">1. BREAK ALL SHARP EDGES .015 x 45° OR .015R</td> </tr> <tr> <td colspan="2" style="text-align: center;">CHECKED: DUERFELDT</td> <td colspan="2" style="text-align: center;">2. DIMENSIONAL LIMITS APPLY AFTER PLATING</td> </tr> <tr> <td colspan="2" style="text-align: center;">OPPS APPR: ANDERSON</td> <td colspan="2" style="text-align: center;">3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</td> </tr> <tr> <td colspan="2" style="text-align: center;">QA APPR: LINDSAY</td> <td colspan="2" style="text-align: center;">USED ON MODEL</td> </tr> <tr> <td colspan="2" style="text-align: center;">APPROVED: MACKOVJAK</td> <td colspan="2" style="text-align: center;">EUROCOPTER</td> </tr> <tr> <td colspan="2" style="text-align: center;">SCALE 1:1</td> <td colspan="2" style="text-align: center;">DATE 5/24/2011</td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: center;">SHEET 5 OF 5</td> </tr> </table>		MAT'L STEEL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		HEAT		.XXX $\pm .005$ FRACTIONS $\pm 1/8$		TREAT		.XX $\pm .01$ ANGLES $\pm 5^\circ$		FINISH SEE -5 WELDMENT		X $\pm .1$ SURFACES = 125		SPEC		$\checkmark$		DRAWN BY: GILBERT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		CHECKED: DUERFELDT		2. DIMENSIONAL LIMITS APPLY AFTER PLATING		OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		QA APPR: LINDSAY		USED ON MODEL		APPROVED: MACKOVJAK		EUROCOPTER		SCALE 1:1		DATE 5/24/2011				SHEET 5 OF 5	
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SPEC		$\checkmark$																																															
DRAWN BY: GILBERT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R																																															
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SCALE 1:1		DATE 5/24/2011																																															
		SHEET 5 OF 5																																															

(-7)

STUD